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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 518

Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

ENCLOSURES (Check all that apply)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Fee Attached
<input type="checkbox"/> Amendment/Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement

<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers

<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
<input type="checkbox"/> Change of Correspondence Address
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<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input type="checkbox"/> Other Enclosure(s) (please identify below): |
|---|--|--|

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MacLean-Fogg Company		
Signature			
Printed name	Dana Andrew Alden		
Date	June 27, 2006	Reg. No.	46,475

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Dana Andrew Alden

Date

June 27, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Under the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE REMITTANCE

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00
Complete if Known

Application Number	10/714,191
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First Named Inventor	John Fritsch
Examiner Name	Jeffrey Andrew Sharp
Art Unit	3677
Attorney Docket No.	12-9540-6520-0000-1

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: **502318** Deposit Account Name: **MacLean-Fogg Company**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims
Fee (\$) **Fee Paid (\$)**
3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(g).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): The fee set forth in Section 1.17(p)

\$180.00

SUBMITTED BY

Signature

Registration No.

(Attorney/Agent) 46,475

Telephone (847) 970-4645

Name (Print/Type)

Dana Andrew Alden

Date June 27, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Via Express 1st Class Mail
Our File No. 12-9540-6520-0000-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors : John Fritsch
Serial Number : 10/714,191
Filing Date : November 14, 2003
Title : U-Nut Fastening Assembly
Examiner : Jeffrey Andrew Sharp
Art Unit : 3677
TO: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box, 1450, Alexandria, VA 22313-1450, on June 27, 2006.

Dana Andrew Alden
Registration No. 46,475

Date: 6.27.06

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Please enter the remarks as set forth below.

07/03/2006 HDESTA1 00000049 502318 10714191

01 FC:1806 180.00 DA

REMARKS

In accordance with M.P.E.P. § 609, 37 C.F.R. §§ 1.97 and 1.98, Applicants tender herewith an information disclosure statement containing references, which may be material to patentability of the present invention.

As required, Applicants have included a copy of each foreign patent document and each non-patent publication. With respect to the requirement for a concise explanation of the relevance of information not in English, Applicants followed the following procedure. For each non-English document, Applicants first attempted to acquire a corresponding English version of the complete document. See, M.P.E.P. § 609.04(a) III. Where a corresponding English version of the complete document was unavailable, Applicants then attempted to acquire an English version of the Abstract. See, M.P.E.P. § 609.04(a) III. Where an English version of the Abstract was not available, Applicants then attempted to provide the office action or search report, wherein the reference was cited. See, M.P.E.P. § 609.04(a) III. Where neither of the foregoing were available, Applicants prepared a rough translation of the document. See, M.P.E.P. § 609.04(a) III.

Please be advised, that Applicants were unable to acquire copies of the following documents, which may be material to patentability of the present invention:

1. JP 51-124573;
2. IT 636531;
3. JP 59-54971;
4. JP 56-148116; and
5. JP 63-152822.

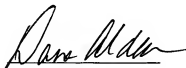
With respect to JP 56-148116 and JP 63-152822, however, Applicant encloses, immediately following this page, a translation of the office action wherein they were cited, as well as a translation of a portion of each document.

Applicant would appreciate the Examiner considering each reference on the enclosed information disclosure statements. If the Examiner has any questions,

comments, or requests in relation to the enclosed, please do not hesitate to contact Applicants' representative.

Dated: June 27, 2006

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Dana Alden", written over a horizontal line.

Dana Andrew Alden
(Reg. No. 46,475)
MacLean-Fogg Company
1000 Allanson Road
Mundelein, Illinois 60060
(847) 970-4645

Translation of the Office Action

The invention claimed in claims 1 through 9 of the present application is considered to have been easily made on the basis of the inventions described in the following publications which were circulated in Japan prior to the filing of the present application, and therefore the invention is considered unpatentable in view of the provisions of Article 29, Para 2. of the Patent Law.

REFERENCES

- (1) Japanese Utility Model Laid-open JP-U-A-56-148116 (1981)
- (2) Japanese Utility Model Laid-open JP-U-A-63-152822 (1988)
- (3) Japanese Patent Laid-open JP-A-54-147349 (1979)
- (4) Japanese Patent Laid-open JP-A-62-176828 (1987)
- (5) Japanese Patent Laid-open JP-A-61-192915 (1986)

Remarks:

◎ With respect to claims 1 to 9:

(1) References 1: See the shape of a covering body 1 in which a nut body 4 is disposed. With a bolt threaded through the nut body 4, the bolt is threadedly cut into a bore 2 of the covering body 1. This prevents the bolt from loosening.

(2) References 2: See the structure for retaining a leaf spring 13.

(3) References 3: See the structure for covering a soft packing 4 with a plastic cap 5.

(4) It is a well known matter to retain a nut and the like with a circular rib (see references 4 and 5).

(5) It is merely a matter of engineering design to provide a circular rib for retaining a washer.

Translation of the relevant portions of reference 1

(Japanese Utility Model Publication JP-U-A-56-148116 (1981))

(1) Reference 1 discloses a nut comprising a covering body 1 in which and a nut body 4 is disposed. The covering body 1 is made of hard plastic material. The nut body 4 of metal is embedded in the covering body 1 at its lower end and includes an internal threads 3, a pitch diameter of which is substantially the same as the inner diameter of the bore 2 of covering body 1.

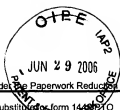
With a bolt threaded through the nut body 4, the bolt is threadedly cut into a bore 2 of the covering body 1. Thus this prevents the bolt from loosening due to the elasticity of the hard plastic material.

Translation of the relevant portions of reference 2

(Japanese Utility Model Publication JP-U-A-63-152822 (1988))

Reference 2 discloses a nut for a bolt for retaining a corrugated plate. A plastic cap 1 includes an annular groove 6 formed therein. A threaded member 3 is fixed within the cap 1 so that it can not rotate relative to the cap 1. An elastic disk-shaped abutment plate 7 is inserted in the groove 6 for rotation. A leaf spring 13 is interposed between the abutment plate 7 and the threaded member 3 and freely received in the groove 6. A through hole 14 for a bolt is centrally formed in the leaf spring 13.

A hook bolt 2 is threaded into the threaded member 3 with the upper surface of the abutment plate 7 abutting against the lower surface of the elastic plate 13.



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Substitution of Form 1450-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/714,191
Filing Date November 14, 2003
First Named Inventor John Fritsch
Art Unit 3677
Examiner Name Jeffrey Andrew Sharp
Attorney Docket Number 12-9540-6520-0000-1

Sheet 1 of 42

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/J/L/		US- 33,487	10-15-1861	L. Marsh	Pages 1-2
		US- 45,133	11-22-1864	Bonwill	Pages 1-3
		US- 80,031	07-14-1868	N. Thompson	Pages 1-3
		US- 142,112	08-26-1873	Corning et al.	Pages 1-2
		US- 185,936	01-02-1877	Landfear	Pages 1-2
		US- 197,467	11-27-1877	H. A. Harvey	Pages 1-2
		US- 205,990	07-16-1878	G. C. Armstrong	Pages 1-3
		US- 229,287	05-27-1884	F. B. Stevens	Pages 1-3
		US- 243,493	06-28-1881	J. C. Bloom	Pages 1-2
		US- 292,063	01-15-1884	N. E. Shaller	Pages 1-3
		US- 324,487	08-18-1885	Rice	Pages 1-3
		US- 367,196	07-26-1887	B. N. Deblieux	Pages 1-2
		US- 369,362	09-06-1887	D. C. Plank	Pages 1-3
		US-			
		US- 388,000	08-14-1888	J. T. Rider	Pages 1-3
		US- 429,851	06-10-1890	Ericson	Pages 1-3
		US- 449,887	04-07-1891	C. D. Harvey	Pages 1-3
		US- 453,563	06-02-1891	Nicholson	Pages 1-2
/J/L/		US- 464,301	12-01-1891	H. A. Harvey	Pages 1-3

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/J/L/		GB2201216	08-24-1988	Heal	Pages 1-15	
		GB739495	10-26-1955	Svenska Aktiebolaget	Pages 1-5	
		EP291412 A1	11-17-1988	Gault	Pages 1-14	✓
		WO 9407041	03-31-1994	Matthews Norma Leslie	Pages 1-24	
		DE 41 05 741 A1	09-03-1992	Mercedes Benz	Pages 1-6	✓
/J/L/		GB 2051285	01-14-1981	Jones	Pages 1-4	

Examiner Signature /Jack Lavinder/ (02/04/2008) Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 42

Complete if Known

Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
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Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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		Number-Kind Code ² (if known)			
/JL/		US: 497,510	05-16-1893	Adler	Pages 1-3
		US: 551,043	12-10-1895	H. A. Otto	Pages 1-2
		US: 553,780	01-28-1896	J. Dickason	Pages 1-3
		US: 586,232	07-13-1897	S. W. English	Pages 1-3
		US: 594,330	11-23-1897	Cox, Jr.	Pages 1-3
		US: 638,326	12-05-1899	E. L. Farr	Pages 1-4
		US: 684,673	10-15-1901	C. S. Clark	Pages 1-4
		US: 715,891	12-16-1902	W. A. Somerby	Pages 1-3
		US: 720,580	02-17-1903	E. T. Greenfield	Pages 1-3
		US: 738,217	09-08-1903	H. T. Love	Pages 1-5
		US: 752,628	02-16-1904	W. C. Miner	Pages 1-2
		US: 793,824	07-04-1905	J. V. Culliney	Pages 1-4
		US: 794,127	07-04-1905	C. E. Slayton & D. L. Zellner	Pages 1-5
		US: 827,562	07-31-1906	J. N. Pollock & N. W. Denuelle	Pages 1-3
		US: 843,720	02-12-1907	J. Waddell & D. W. Tower	Pages 1-3
		US: 853,005	04-14-1908	C. Kester	Pages 1-3
		US: 887,962	05-19-1908	H. Reisner	Pages 1-3
		US: 889,593	06-02-1908	J. C. Fleischmann	Pages 1-3
/JL/		US: 909,033	01-05-1909	L. A. Smith	Pages 1-2

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JL/		GB 567 862	03-06-1945	Birchall	Pages 1-4	
↓		GB 662 298	12-05-1951	Simmonds Aerocessories Lt	Pages 1-4	
		AU-B-1 785 270	01-27-1972	Padget	Pages 1-16	
		GB-A-213 188	03-27-1924	William Youtten	Pages 1-3	
		GB-A-7 781	03-28-1912	C. J. H. MacKenzie-Kenned	Pages 1-7	
/JL/		FR 575 341	07-28-1924	Gloriod	Pages 1-2	

Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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Sheet **3** of **42**

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/JL/		US- 910,712	01-26-1909	M. C. McCoy	Pages 1-3
		US- 920,947	05-11-1909	C. N. Gilmore	Pages 1-4
		US- 948,326	02-08-1910	J. P. Hesse	Pages 1-3
		US- 949,741	02-15-1910	C. D. Loehr	Pages 1-2
		US- 986,510	03-14-1911	W. A. Scott	Pages 1-2
		US- 1,000,280	08-08-1911	Messenger	Pages 1-3
		US- 1,011,398	12-12-1911	Andregg	Pages 1-2
		US- 1,015,059	01-16-1912	Morgan	Pages 1-3
		US- 1,016,897	02-06-1912	C. Ryan	Pages 1-2
		US- 1,036,825	08-27-1912	Garchey	Pages 1-3
		US- 1,048,590	12-31-1912	Russell	Pages 1-3
		US- 1,049,590	01-07-1913	P. W. Mosher	Pages 1-3
		US- 1,059,260	04-15-1913	L. V. Barrett	Pages 1-3
		US- 1,064,792	06-17-1913	D. Vance	Pages 1-3
		US- 1,070,247	08-12-1913	F. P. Haines	Pages 1-3
		US- 1,075,310	10-7-1913	M. C. Ulrich	Pages 1-3
		US- 1,088,892	03-03-1914	Foreman	Pages 1-3
		US- 1,112,525	10-06-1914	H. R. Darling	Pages 1-3
/JL/		US- 1,143,091	06-15-1915	E. B. Stimpson	Pages 1-4

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number*Kind Code ⁴ (if known)				
/JL/		FR 633 186	01-23-1928	Vallery	Pages 1-2	✓
/JL/		FR 646 842	11-16-1928	Hamel	Pages 1-3	✓

Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JUL		US- 1,146,078	07-13-1915	J. E. Moore	Pages 1-2
		US- 1,158,454	11-02-1915	J. W. De Camp	Pages 1-2
		US- 1,201,944	10-17-1916	Dodds	Pages 1-3
		US- 1,210,310	12-26-1916	A. E. Hickling & H. Lamb	Pages 1-2
		US- 1,229,911	06-12-1917	E. I. Dodds	Pages 1-3
		US- 1,235,626	08-07-1917	C. D. Woodward	Pages 1-2
		US- 1,238,636	08-28-1917	C. L. Christofferson	Pages 1-4
		US- 1,250,748	12-18-1917	I. C. Woodward	Pages 1-3
		US- 1,288,893	12-24-1918	Holmes	Pages 1-3
		US- 1,294,268	02-11-1919	Holmes	Pages 1-3
		US- 1,297,845	03-18-1919	N. Hawrylasz	Pages 1-3
		US- 1,300,801	04-15-1919	I. C. Woodward	Pages 1-3
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		US- 1,362,082	07-05-1927	A. G. E. Hultgreen et al.	Pages 1-3
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		US- 1,411,184	03-28-1922	H. Rosenberg	Pages 1-4
		US- 1,451,484	04-10-1923	I. C. Woodward	Pages 1-2
JUL		US- 1,465,148	08-14-1923	Heyman	Pages 1-3

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Examiner Signature	/Jack Lavinder/ (02/04/2008)
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/JL/		US- 1,495,687	05-27-1924	D. Grosclaude	Pages 1-3
		US- 1,554,249	09-22-1925	E. R. Wolf	Pages 1-4
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		US- 1,581,559	04-20-1926	D. E. Williams	Pages 1-3
		US- 1,592,627	07-13-1926	C. Egleston	Pages 1-3
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		US- 1,660,455	02-28-1928	R. Plumb	Pages 1-5
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		US- 1,749,903	03-11-1930	C. D. Cannon	Pages 1-3
		US- 1,759,339	05-20-1930	B. T. Anderson	Pages 1-3
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/JL/		US- 2,147,209	02-14-1939	C. G. Olson	Pages 1-3
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		US- 2,160,706	05-30-1939	Olson	Pages 1-4
		US- 2,165,011	07-14-1939	Heyman Rosenberg	Pages 1-12
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/JL/		US- 2,234,677	03-11-1941	L. Larsen	Pages 1-4
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	US	2,330,869	10-05-1943	Cherry	Pages 1-6
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	US	2,349,592	05-23-1944	R. T. Hosking	Pages 1-5
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	US	2,407,160	09-03-1946	Kohn	Pages 1-3
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/JL/	US	2,414,870	01-28-1947	L. E. Harding	Pages 1-5

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	US-	2,675,844	04-20-1954	F. K. Knohl	Pages 1-3
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/JL/		US-3,120,254	02-04-1964	W. G. Waltermire et al.	Pages 1-3

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[illegible]

Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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(Use as many sheets as necessary)

Sheet	14	of	42
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Complete if Known

Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JL/		US- 3,122,386	02-25-1964	Stanley Pearson Arthur	Pages 1-2
		US- 3,124,188	03-10-1964	H. G. Muenchinger	Pages 1-5
		US- 3,124,408	03-10-1964	L. Oestereicher	Pages 1-8
		US- 3,127,919	04-07-1964	K. A. Swanson	Pages 1-6
		US- 3,133,579	05-19-1964	D. W. Grimm et al.	Pages 1-5
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		US- 3,182,703	04-11-1965	G. F. Smyth	Pages 1-7
		US- 3,186,464	06-01-1965	R. K. F. Baumle	Pages 1-4
		US- 3,190,334	06-22-1965	W. K. Wigman	Pages 1-3
		US- 3,194,292	07-13-1965	F. J. Borowsky	Pages 1-2
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Sheet	15	of	42
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First Named Inventor	John Fritsch
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JUL		US- 3,199,186	08-10-1965	Simpson	Pages 1-8
		US- 3,200,691	08-17-1965	R. Neuschotz	Pages 1-9
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Sheet	16	of	42
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Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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/J/L		US- 3,295,580	01-03-1967	W. G. Waltermire	Pages 1-4
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/J/L		US- 3,386,771	06-04-1968	Henri Verdier	Pages 1-3

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	17	of	42
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Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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		Number/Kind Code‡ (if known)			
/JL		US- 3,389,734	06-25-1968	C. E. Gutshall	Pages 1-3
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**INFORMATION DISCLOSURE
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Sheet **18** of **42****Complete if Known**

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Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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/JL/		US: 3,492,906	02-03-1970	Hauser	Pages 1-3
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		US: 3,588,792	06-28-1971	Kindell	Pages 1-3
		US: 3,595,506	07-27-1971	Saunders	Pages 1-6
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Sheet	20	of	42
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Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
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		US-			
/JL/		US-3,823,526	07-16-1974	Rose	Pages 1-3
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		US-3,895,663	07-22-1975	Bachline et al.	Pages 1-8
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		US-3,907,017	09-23-1975	Stanwick	Pages 1-5
✓		US-3,910,331	10-07-1975	Randall	Pages 1-3
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	21	of	42
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Complete if Known

Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code? (if known)			
/JL/	US-	3,942,406	03-09-1976	Egner	Pages 1-9
	US-	3,967,083	06-29-1967	Bould et al.	Pages 1-15
	US-	3,967,669	07-06-1976	Egner	Pages 1-12
	US-	3,972,360	08-03-1976	Cadwallader	Pages 1-7
	US-	3,975,992	08-24-1976	Cagle	Pages 1-5
	US-	3,978,760	09-07-1976	Muenchinger	Pages 1-12
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	US-	4,040,327	08-09-1977	Otaki	Pages 1-8
	US-	4,066,278	01-03-1978	Takagi	Pages 1-6
	US-	4,071,067	01-31-1978	Goldby	Pages 1-8
	US-	4,076,064	02-28-1978	Holmes	Pages 1-5
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	US-	4,100,368	07-11-1978	Thomsen	Pages 1-4
	US-	4,113,278	09-12-1978	Rissberger	Pages 1-6
	US-	4,134,438	01-16-1979	Friberg et al.	Pages 1-7
	US-	4,150,702	04-24-1979	Holmes	Pages 1-7
/JL/	US-	4,171,012	10-16-1979	Holmes	Pages 1-7

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Examiner Signature	/Jack Lavinder/ (02/04/2008)
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		Number-Kind Code ² (if known)			
/JL/		US- 4,218,954	08-26-1980	Morel	Pages 1-6
		US- 4,220,188	09-02-1980	McMurray	Pages 1-7
		US- 4,223,711	09-23-1980	Tabor	Pages 1-6
		US- 4,231,281	11-04-1980	Reinwall, Jr.	Pages 1-4
		US- 4,252,168	02-24-1981	Capuano	Pages 1-10
		US- 4,258,607	03-31-1981	Makewam	Pages 1-4
		US- 4,260,055	04-07-1981	Stencel	Pages 1-13
		US- 4,269,248	05-26-1981	MacLean et al.	Pages 1-5
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		US- 4,310,272	01-12-1982	Rich et al.	Pages 1-8
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		US- 4,341,497	07-27-1982	Downey et al.	Pages 1-4
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/JL/		US- 4,351,626	09-28-1982	Holmes	Pages 1-7

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Sheet 23 of 42

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First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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		Number-Kind Code ² (if known)				
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		US-	4,377,361	03-22-1983	Friberg	Pages 1-5
		US-	4,380,414	04-19-1983	Capuano	Pages 1-9
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		US-	4,478,387	10-23-1984	Postema	Pages 1-4
		US-	4,488,843	12-18-1984	Achille	Pages 1-6
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		US-	4,518,294	05-21-1985	Barth	Pages 1-4
		US-	4,534,023	09-24-1985	Capuano	Pages 1-8
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		US-	4,611,379	09-16-1986	Heitzman	Pages 1-6
J/L		US-	4,621,230	11-04-1986	Crouch et al.	Pages 1-12

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ² Kind Code ⁵ (if known)					

Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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/JL/		US- 4,621,831	11/11/1986	Takadera et al.	Pages 1-10
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		US- 4,770,560	09-13-1988	Ott	Pages 1-5
		US- 4,784,555	11-15-1988	Cantrall	Pages 1-4
/JL/		US- 4793,752	12-27-1998	Friberg	Pages 1-6

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Sheet	25	of	42
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Application Number	10/714,191
Filing Date	November 14, 2003
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JUL		US- 4,798,507	01-17-1989	Olak	Pages 1-4
		US- 4,808,050	02-28-1989	Landt	Pages 1-7
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		US- 4,812,095	03-14-1989	Piacenti et al.	Pages 1-10
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/JL/		US-5,061,132	10-29-1991	Cosenza	Pages 1-7
		US-5,071,301	12-10-1991	Engelhardt et al.	Pages 1-4
		US-5,074,728	12-24-1991	Hsu	Pages 1-3
		US-5,080,545	01-14-1992	McKinlay	Pages 1-4
		US-5,082,409	01-21-1992	Bias	Pages 1-10
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		US-5,094,143	03-10-1992	Anderson, Jr.	Pages 1-15
		US-5,110,245	05-05-1992	Hiroyuki	Pages 1-7
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		US-5,183,359	02-02-1993	Barth	Pages 1-9
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		US-5,193,884	03-16-1993	Sheu et al.	Pages 1-12
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Sheet	27	of	42
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/JL/		US-5,242,253	09-07-1993	Fulmer	Pages 1-8
		US-5,297,854	03-29-1994	Nielson et al.	Pages 1-14
		US-5,302,069	04-12-1994	Toth et al.	Pages 1-7
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		US-5,395,195	03-07-1995	Fulmer	Pages 1-9
		US-5,407,312	04-18-1995	Temizzi	Pages 1-6
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		US-5,499,193	09-12-1995	Rivard et al.	Pages 1-8
/JL/		US-5,507,517	4-16-1996	Krawczak	Pages 1-6

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Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	29	of	42
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Complete if Known

Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

U. S. PATENT DOCUMENTS

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U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Data MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JL/		US- 4,824,305	04-25-1989	McCauley	Pages 1-6
		US- 4,887,950	12-19-1989	Sakayori et al.	Pages 1-17
		US- 4,900,206	02-13-1990	Kazino et al.	Pages 1-6
		US- 4,275,285	06-23-1981	Jadach	Pages 1-7
		US- 4,420,848	12-20-1983	Becker	Pages 1-7
		US- 4,669,937	06-02-1987	Feldman	Pages 1-4
		US- 4,744,119	05-17-1988	Omori	Pages 1-4
		US- 4,764,070	08-16-1988	Baltzell	Pages 1-4
		US- 4,813,835	03-21-1989	Toth	Pages 1-6
		US- 2,954,304	09-27-1960	K. K. K. Kroyer	Pages 1-6
		US- 3,138,407	06-23-1964	J. J. Duggan	Pages 1-5
		US- 3,649,079	03-14-1972	English	Pages 1-5
		US- 3,960,047	06-01-1976	Liffick	Pages 1-4
		US- 4,201,110	05-06-1980	Hanai et al.	Pages 1-4
		US- 4,457,560	07-03-1984	Rowe et al.	Pages 1-8
		US- 4,842,339	06-27-1989	Roulinson	Pages 1-9
		US- 5,163,739	11-17-1992	Stanlake	Pages 1-7
		US- 1,727,590	09-10-1929	T. Ferry	Pages 1-3
/JL/		US- 4,460,300	07-17-1984	Bettini et al.	Pages 1-4

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Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-8520-0000-1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JL/		US- 4,944,644	07-31-1990	Bell	Page 1-7
		US- 4,557,654	12-10-1985	Masuda et al.	Pages 1-9
		US- 6,305,627	10-23-2001	Stiner et al.	Pages 1-9
		US- 1,834,871	12-01-1931	Heyman Rosenberg	Pages 1-4
		US- 5,163,739	11-17-1992	Starlake, Roland R.	Pages 1-7
		US- 4,948,319	08-14-1990	Day et al.	Pages 1-8
		US- 6,860,692	03-01-2006	Van Ingen et al.	Pages 1-6
		US- 6,935,825	08-30-2005	Winker, Alexander	Pages 1-6
		US- 6,808,350	10-26-2004	Tooman et al.	Pages 1-6
		US- 6,957,939	10-25-2005	Wilson, Larry J.	Pages 1-9
		US- 6,866,457	03-15-2005	Wilson, Larry J.	Pages 1-10
		US- 3,584,667	06-15-1971	Reiland	Pages 1-14
		US- 3,659,491	05-02-1972	Duff et al.	Pages 1-6
		US- 4,103,725	08-01-1978	Abe	Pages 1-7
		US- 4,790,703	12-13-1988	Wing	Pages 1-13
		US- 4,898,429	02-06-1990	Pumer	Pages 1-7
		US- 4,984,938	01-15-1991	Scott, Jr. et al.	Pages 1-6
		US- 4,986,712	01-22-1991	Fultz	Pages 1-3
/JL/		US- 5,180,266	01-19-1993	Nolan et al.	Pages 1-5

[illegible]Date
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First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

(Use as many sheets as necessary)

Sheet	37	of	42
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U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JL/		US- 5,584,628	12-17-1996	Bemoni	Pages 1-6
		US- 5,688,091	11-18-1997	McKinlay	Pages 1-6
		US- 5,730,568	03-24-1998	Lanham et al.	Pages 1-6
		US- 3,356,421	12-05-1967	D. J. Trevarrow, Jr.	Pages 1-3
		US- 3,549,204	12-22-1970	E. G. Spisak	Pages 1-5
		US- 4,998,780	03-12-1991	Eshler et al.	Pages 1-7
		US- 5,181,767	01-26-1993	Hudgins et al.	Pages 1-5
		US- 5,273,384	12-28-1993	Dunbar	Pages 1-4
		US- 5,620,445	05-28-1996	Toth	Pages 1-7
		US- 5,857,818	01-12-1999	Bias, Sr.	Pages 1-5
		US- 6,074,148	06-13-2000	Wilson	Pages 1-3
		US- 4,339,179	07-13-1982	Dany	Pages 1-5
		US- 1,727,590	09-10-1929	T. Ferry	Pages 1-3
		US- 4,460,300	07-17-1984	Bettini et al.	Pages 1-4
		US- 4,944,644	07-31-1990	Bell	Pages 1-7
		US- 4,362,449	12-07-1982	Hinsky	Pages 1-8
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Examiner Signature	/Jack Lavinder/ (02/04/2008)
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Date
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Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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		Number-Kind-Code* (if known)			
/JL/	US	6,102,488	08-15-2000	Wilson	Pages 1-5
	US	2,393,323	01-22-1946	D. C. Hungerford et al.	Pages 1-5
	US	3,520,342	07-14-1970	H. Scheffer	Pages 1-4
	US	4,019,550	04-26-1977	DeHaire	Pages 1-8
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	US	7,004,700	02/28/2006	Wilson	Pages 1-7
	US	4,907,924	03-13-1990	Fignini	Pages 1-13
	US	6,572,127	06-03-2003	Pazdirek	Pages 1-8
	US	7,005,700	02-28-2006	Wilson	Pages 1-7
	US	6,891,829	03-28-2006	Brewwer, et al.	Pages 1-10
	US	154,255	08-18-1974	E. W. Ives	Pages 1-2
	US	218,425	08-12-1879	F. A. Bradley	Pages 1-2
	US	443,799	12-30-1890	A. Searls	Pages 1-4
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	US	1,381,437	06-14-1921	O. A. Smith	Pages 1-6
	US	2,708,844	05-24-1955	W. C. Cincel	Pages 1-6
	US	3,857,611	12-31-1974	Pansky	Pages 1-7
/JL/	US	4,018,133	04-19-1977	Chavire et al.	Pages 1-4

[illegible]Date
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Sheet	39	of	42
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Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code? (if known)			
/JL/	US	4,123,961	11-07-1978	Chaivre et al.	Pages 1-10
	US	4,169,630	10-02-1979	Wagner	Pages 1-5
	US	4,201,110	05-06-1980	Hanai et al.	Pages 1-4
	US	4,583,897	04-22-1986	Briles	Pages 1-4
	US	4,373,842	02-15-1983	Bettini et al.	Pages 1-4
	US	4,576,533	03-18-1986	Charlier	Pages 1-4
	US	4,815,920	03-28-1989	Morooka	Pages 1-7
	US	272,589	02-20-1983	Searls	Pages 1-2
	US	1,254,514	01-22-1918	Lehmann	Pages 1-3
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	US	4,775,272	10-04-1988	Toth	Pages 1-8
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	US	4,883,399	11-28-1989	MacLean	Pages 1-7
/JL/	US	4,955,773	09-11-1990	Toth	Pages 1-8

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Examiner Signature	/Jack Lavinder/ (02/04/2008)
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/JL/	US	4,968,202	11-6-1990	Lanham	Pages 1-8	
↓	US	4,993,902	02-19-1991	Hellon	Pages 1-5	
	US	5,028,093	07-02-1991	Nason	Pages 1-4	
	US	5,048,898	09-17-1991	Russell	Pages 1-6	
	US	5,082,409	01-21-1992	Bias	Pages 1-10	
	US	5,163,797	11-17-1992	Patti	Pages 1-5	
	US	5,180,266	01-19-1993	Nolan	Pages 1-5	
	US	5,350,266	09-27-1994	Espey, et al.	Pages 1-4	
	US	5,370,486	12-06-1994	Plummer	Pages 1-19	
	US	5,380,070	01-10-1995	FitzGerald	Pages 1-3	
	US	6,852,181	02-08-2005	Wheeler, Jr.	Pages 1-10	
	US	6,418,772	07-16-2002	Talbot, et al.	Pages 1-9	
	US	6,325,874	12-04-2001	Wheeler, Jr.	Pages 1-10	
	US	5,704,998	01-06-1998	Gallagher, Jr.	Pages 1-4	
	US	5,555,628	09-17-1996	Madden	Pages 1-7	
	US	5,538,566	07-23-1996	Gallagher, Jr.	Pages 1-5	
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	↓	US	5,492,019	02-20-1996	Madden	Pages 1-7
		/JL/	US	5,454,888	10-03-1995	Gallagher, Jr.

[illegible]Date _____
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Sheet	41	of	42
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Complete if Known

Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature	/Jack Lavinder/ (02/04/2008)
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* Examiner initiates office reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (symbol) is found in the Index Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

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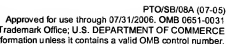
Application Number	10/714,191
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First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

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Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

Sheet	1	of	2
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		Country Code* Number* Kind Code* (if known)				
/JL/		JP-46-012-091	04-27-1971		Pages 1-2	✓
/JL/		JP-62-171510	07-28-1987	Kawabata Yoshio	Pages 1-3	✓
/JL/		JP-51-026263	02-26-1976		Pages 1-7	✓
/JL/		JP 06-341420	12-13-1994	Ueda Akemi	Pages 1-7	✓

Date Considered

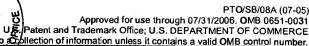
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Filing Date	November 14, 2003
First Named Inventor	John Fritsch
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Sheet	1	of	2
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		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code* Number ** Kind Code* (if known)				
/JL/		GB 2 179 416 A	03-04-1987	Auto Turned Product	Pages 1-4	
/JL/		EP 0 153 487 A1	04-09-1985	Hi-Ton International Ltd.	Pages 1-11	
/JL/		EP 0 939 236 A1	01-09-1999	JPE, Inc.	Pages 1-6	
/JL/		FR 2 121 270	08-18-1972	Barber and Colman Limited	Pages 1-7	

Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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Complete if Known

Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

(Use as many sheets as necessary)

Sheet	2	of	2
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(Use as many sheets as necessary)

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Application/Control No.

10/712,611

Applicant(s)/Patent Under
Reexamination
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Examiner

Jeffrey Sharp

Art Unit

3677

Page 1 of 1

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* <input type="checkbox"/>	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
<input type="checkbox"/>	A US-			
<input type="checkbox"/>	B US-			
<input type="checkbox"/>	C US-			
<input type="checkbox"/>	D US-			
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<input type="checkbox"/>	N				
<input type="checkbox"/>	O				
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<input type="checkbox"/>	R				
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NON-PATENT DOCUMENTS

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<input checked="" type="checkbox"/> U	NorthWest Short Line -- "Bits of Knowledge for Sharing"
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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20060205

/s/ Jack Lavinder/ (02/04/2008)

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Art Unit	3677
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Attorney Docket Number	12-9540-6520-0000-1

Sheet	1	of	2
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature	/Jack Lavinder/ (02/04/2008)	Date Considered	
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Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

Sheet	2	of	2
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NON PATENT LITERATURE DOCUMENTS

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Sheet	1	of	2
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code* Number* Kind Code* (if known)				
		EP 0 265 132 A	04-27-1988	Steelpress Supplies Ltd.	Pages 1-9	
		CH 374 858 A	01-31-1964	Nienburger Metallwarenfab	Pages 1-4	

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/JL/		DE 79 16 057 U	09-13-1979	Thiel, Horst	Pages 1-7	
/JL/		DE 33 35 723 A	04-11-1985	Rodolif Thiel GmbH	Pages 1-10	✓
/JL/		DE 87 15 472 U	02-04-1988	Bergisch Achsenfabrik Fr.	Pages 1-10	

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Sheet 1 of 2

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		US-			
		US-			
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JL/		JP 61-286606	12-17-1961	Toth	Pages 1-6	✓
/JL/		JP 54-14351	02-02-1979		Pages 1-8	
/JL/		JP 61-149606	07-08-1986	Toth	Pages 1-6	✓

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Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

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/JL/		Examiner, Translation of Notification of Reasons of Rejection, 6/28/1996, Pages 1-2, Japanese Patent Office	
/JL/		Examiner, Translation of Notification of Reasons of Rejection, 2/5/1997, Pages 1-2, Japanese Patent Office	
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(Use as many sheets as necessary)

Sheet	1	of	2
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Application Number	10/714,191
Filing Date	November 14, 2003
First Named Inventor	John Fritsch
Art Unit	3677
Examiner Name	Jeffrey Andrew Sharp
Attorney Docket Number	12-9540-6520-0000-1

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
JUL		JP-A-54-147349	11-17-1979		Pages 1-3	✓
JUL		JP-A-62-176828	08-03-1987		Pages 1-4	✓
JUL		JP-A-61-192915	08-27-1986		Pages 1-4	✓

Examiner Signature	/Jack Lavinder/ (02/04/2008)
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Date
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STATEMENT BY APPLICANT**

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Sheet **2** of **2****NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JL/		Translation of Office Action, Circa November 1997, Page 1, Japanese Patent Office	
/JL/		Translation of the Relevant Portions of JP-U-A-56-148116, which was cited as Reference 1 in the above-referenced Japanese Office Action, Circa November 1997, Page 1	
/JL/		Translation of the Relevant Portions of JP-U-A-63-152822, which was cited as Reference 2 in the above-referenced Japanese Office Action, Circa November 1997, Page 1	

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		Country Code* Number* Kind Code* (# known)				
TD		DE 593 758	03-02-1934	Lydia Schubert	Pages 1-3	
TD		GB 547 634	09-04-1942	Jack Purdue	Pages 1-4	

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Sheet	2	of	2
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